

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
37154-753SERIAL NO.
09/815,978LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
SchwartzFILING DATE
March 22, 2001GROUP
~~1014~~ 1659

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
JRC	AA	3	8	0	8	0	8	6	04/30/74	Mosimann et al.	161	93	04/07/72
JRC	AB	4	2	4	4	7	2	1	01/13/81	Gupta et al.	65	31	01/31/79
JRC	AC	4	4	6	1	8	7	6	07/24/84	Lieberman et al.	525	374	09/09/82
JRC	AD	4	7	0	7	4	4	0	11/17/87	Stavrianopoulos	435	6	01/30/84
JRC	AE	4	7	7	5	6	1	9	10/04/88	Urdea	435	6	10/16/84
JRC	AF	4	8	7	4	8	1	3	10/17/89	O'Shannessy	525	54.1	02/09/87
JRC	AG	5	1	1	8	6	0	5	06/02/92	Urdea	435	6	09/29/88
JRC	AH	5	1	5	1	5	0	7	09/29/92	Hobbs, Jr. et al.	536	23	06/12/91
JRC	AI	5	2	0	6	3	7	0	04/27/93	Schwartz et al.	546	281	05/26/92
JRC	AJ	5	2	1	0	2	0	3	05/11/93	Musso et al.	548	130	05/07/92
JRC	AK	5	3	8	0	8	3	3	01/10/95	Urdea	536	22.1	12/13/91
JRC	AL	5	4	2	0	2	8	5	05/30/95	Schwartz et al.	546	281	05/30/95
JRC	AM	5	5	2	1	2	9	0	05/28/96	Sivam et al.	530	391.5	11/21/94
JRC	AN	5	5	6	7	6	2	4	10/22/96	Smith	436	163	04/27/95
JRC	AO	5	6	7	9	7	7	8	10/21/97	Abrams et al.	530	391.5	11/03/93
JRC	AP	5	7	5	3	5	2	0	05/19/98	Schwartz et al.	436	542	02/06/95
JRC	AQ	5	7	8	9	5	7	6	08/04/98	Daily et al.	536	25.6	12/09/94
JRC	AR	5	7	9	2	6	1	5	08/11/98	Arnold et al.	435	6	03/06/97
JRC	AS	5	8	3	7	8	5	6	11/17/98	Arnold, Jr. et al.	536	24.5	03/06/98
JRC	AT	5	8	3	7	8	6	0	11/17/98	Anderson et al.	536	25.3	03/05/97
JRC	AU	5	8	5	4	4	1	0	12/29/98	Arnold, Jr. et al.	536	23.1	03/31/94
JRC	AV	5	8	5	6	5	7	1	01/05/99	Berninger et al.	564	37	06/07/95
JRC	AW	5	8	7	7	2	2	0	03/02/99	Schwartz et al.	514	626	03/06/97
JRC	AX	5	8	8	0	2	7	0	03/09/99	Berninger et al.	530	391.1	12/23/97

EXAMINER

Jeffrey E. Russell

DATE CONSIDERED

January 7, 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
37154-753SERIAL NO.
09/815,978LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
SchwartzFILING DATE
March 22, 2001GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PSL	AY	5	9	0	0	4	8	1	05/04/99	Lough et al.	536	55.3	11/06/96
PSL	AZ	5	9	5	5	5	9	7	09/21/99	Arnold, Jr. et al.	536	24.3	06/30/97
PSL	BA	5	9	5	8	9	0	1	09/28/99	Dwyer et al.	514	75	06/05/96
PSL	BB	6	0	0	1	8	2	6	12/14/99	Murrer et al.	514	183	07/20/92
PSL	BC	6	0	2	8	1	8	8	02/22/00	Arnold, Jr. et al.	536	25.3	11/21/94
PSL	BD	6	0	2	0	5	2	6	02/01/00	Schwartz et al.	564	153	07/22/96
PSL	BE	6	0	3	4	1	3	5	03/07/00	Schwartz et al.	514	616	03/06/97
PSL	BF	6	1	3	3	4	3	6	10/17/00	Köster et al.	536	24.3	09/19/97
PSL	BG	6	2	1	7	8	4	5	04/17/01	Schwartz et al.	424	1.69	11/06/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
PSL	BH	0	0	0	5	2	0	8	02/03/00	PCT ✓	—	—		
PSL	BI	0	0	0	5	2	4	3	02/03/00	PCT ✓	—	—		
PSL	BJ	0	0	0	8	0	4	2	02/17/00	PCT ✓	—	—		
PSL	BK	0	0	4	0	5	9	0	07/13/00	PCT ✓	—	—		
PSL	BL	0	1	0	9	3	8	5	02/08/01	PCT A2 ✓	—	—		
PSL	BM	0	2	8	0	4	7	4	02/10/99 03/10/99	EP A2 ✓	—	—		
PSL	BN	0	2	8	0	4	7	4	02/10/99 03/10/99	EP B1 ✓	—	—		
PSL	BO	0	3	6	1	7	6	8	02/10/99 03/10/99	EP A2 ✓	—	—		
PSL	BP	0	3	8	4	7	6	9	02/23/90	EP B1 ✓	—	—		
PSL	BQ	9	4	1	0	1	4	9	05/11/94	PCT ✓	—	—		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER Jeffrey E. RussellDATE CONSIDERED January 7, 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
37154-753SERIAL NO.
09/815,978LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
SchwartzFILING DATE
March 22, 2001GROUP
~~1614~~ 1659

BR	Abrams <i>et al.</i> , "Technetium-99m-Human Polyclonal IgG Radiolabeled via the Hydrazino Nicotinamide Derivative for Imaging Focal Sites of Infection in Rats", <i>J. Nucl. Med.</i> , <u>31(12):2022-2028</u> ; (1990)
BS	Agrawal, S. (Ed.), <u>Methods in Molecular Biology.20</u> , Book: Protocols for Oligonucleotides and Analogs, Synthesis and Properties, Humana Press, (1993), <u>pages ix-xi</u>
BT	Bischoff <i>et al.</i> , "Introduction of 5'-Terminal Functional Groups into Synthetic Oligonucleotides for Selective Immobilization", <i>Anal. Biochem.</i> , <u>164:336-344</u> ; (1987)
BU	Bridger <i>et al.</i> , "A Comparison of Cleavable and Noncleavable Hydrazinopyridine Linkers for the ^{99m} Tc Labeling of Fab' Monoclonal Antibody Fragments", <i>Bioconj. Chem.</i> , <u>7:255-264</u> ; (1996)
BV	Chang <i>et al.</i> , "Early Results in the International Design of New Bifunctional Chelators", <u>6th Conference on Radioimmunodetection and Radioimmunotherapy of Cancer - Supplement to Cancer</u> , <u>80:2347-2353</u> ; (1997)
BW	Ellis <i>et al.</i> , "Development and Clinical Uses of Haemophilus b Conjugate Vaccines", Book: <i>Marcel Dekker, Inc.; New York</i> ; (1994) <u>pages xi-xii</u>
BX	Ghosh <i>et al.</i> , "Covalent attachment of oligonucleotides to solid supports", <i>Nucl. Acids. Res.</i> , <u>15(3):5353-5372</u> ; (1987)
BY	Ghosh <i>et al.</i> , "Synthesis of 5'-Oligonucleotide Hydrazide Derivatives and Their Use in Preparation of Enzyme-Nucleic Acid Hybridization Probes", <i>Anal. Biochem.</i> , <u>178:43-51</u> ; (1989)
BZ	Greene <i>et al.</i> , "Protective Groups in Organic Synthesis", Book: 2nd Edition, <i>John Wiley & Sons, Inc.</i> <u>pages ix-x</u>
CA	Hermanson <i>et al.</i> , <i>Bioconjugate Techniques</i> : Academic Press, 1996, <u>pages vii-xxiii</u>
CB	Hostomsky <i>et al.</i> , "Solid-phase assembly of DNA duplexes from synthetic oligonucleotides," <i>Nucl. Acid. Symp. Ser.</i> , <u>18:241-244</u> ; (1987)
CC	IUPAC-IUB: "IUPAC-IUB Commission on Biochemical Nomenclature Abbreviated Nomenclature of Synthetic Polypeptides (Polymerized Amino Acids)", <i>Biochem.</i> , <u>11(5):942-944</u> ; (1972)
CD	Kaneko <i>et al.</i> , "New Hydrazone Derivates of Adriamycin and Their Immunoconjugates - a Correlation between Acid Stability and Cytotoxicity," <i>Bioconj. Chem.</i> , <u>2(3):133-141</u> ; (1991)
CE	King <i>et al.</i> , "Preparation of Protein Conjugates via Intermolecular Hydrazone Linkage", <i>Biochem.</i> , <u>25:5774-5779</u> ; (1986)
CF	Marble <i>et al.</i> , "RNA Transcription from Immobilized DNA Templates," <i>Biotechnol. Prog.</i> , <u>11:393-396</u> ; (1995)

EXAMINER

Jeffery E. Russell

DATE CONSIDERED

January 7, 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 37154-753	SERIAL NO. 09/815,978
	APPLICANT Schwartz	
	FILING DATE March 22, 2001	GROUP 4614 1659

32	CG	Reynolds <i>et al.</i> , "Antisense oligonucleotides containing an internal non-nucleotide-based linker promote site-specific cleavage of RNA", <i>Nucl. Acids. Res.</i> , <u>24(4)</u> :760-765; (1996)
32	CH	Reynolds <i>et al.</i> , "Synthesis and thermodynamics of oligonucleotides containing chirally pure Rp methylphosphonate linkages", <i>Nucl. Acids. Res.</i> <u>24(22)</u> :4584-4591; (1996)
32	CI	Rose <i>et al.</i> , "Natural Peptides as Building Blocks for the Synthesis of Large Protein-like Molecules with Hydrazone and Oxime Linkages", <i>Bioconjugate Chem.</i> , <u>7</u> :552-556; (1996)
32	CJ	Salo <i>et al.</i> , "Aminooxy Functionalized Oligonucleotides: Preparation, On-Support Derivatization, and Postsynthetic Attachment to Polymer Support", <i>Bioconjugate Chem.</i> , <u>10</u> :815-823; (1999)
32	CK	Schwartz <i>et al.</i> , "Preparation of Hydrazino-Modified Proteins and Their Use for the Synthesis of 99mTc-Protein Conjugates", <i>Bioconjugate Chem.</i> , <u>2</u> :333-336; (1991)
32	CL	Timofeev <i>et al.</i> , "Regioselective immobilization of short oligonucleotides to acrylic copolymer gels", <i>Nucl. Acids. Res.</i> , <u>24(16)</u> :3142-3148; (1996)
32	CM	Trevisiol <i>et al.</i> , "The Oxyamino-Aldehyde Coupling Reaction: An Efficient Method for the Derivatization of Oligonucleotides", <i>Tetrahedron Lett.</i> , <u>38(50)</u> :8687-8690; (1997)
32	CN	Trevisiol <i>et al.</i> , "Synthesis of Nucleoside Triphosphate that Contain an Aminooxy Function for 'Post-Amplification Labeling'", <i>Eur. J. Org. Chem.</i> , pages 211-217; (2000)

EXAMINER Telling E. Lewis | DATE CONSIDERED January 7, 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.